

AMO 17488

HIGH REFRACTIVE INDEX COMPOSITIONS USEFUL
FOR INTRAOCULAR LENSES AND METHODS FOR MAKING SAME

Abstract of the Disclosure

An intraocular lens suitable for implantation into an
5 eye has an optically clear, deformable lens body composed
of a silicone polymer and a silica reinforcer that
structurally reinforces the polymer. The silica reinforcer
is chemically modified with aryl groups effective to
increase the refractive index of the silica reinforcer,
10 preferably so as to substantially match the refractive
index of the silicone polymer.